

### Abstract

Creation of web pages on hand-held devices such as digital cameras and personal digital assistants (PDA's) is made feasible by a system for generating mark-up language based on a compact template mapping file created on the hand-held device. Through a user interface, a user of the hand-held device creates the template mapping file, which associates a selected one of the templates stored on the host computer with one or more source files, which may include text, image and audio files. HTML templates (files containing the actual and usually lengthy formatting commands that accomplish the style selected by the user) and other large files needed to create compelling web pages reside on the host computer, not on the hand-held device. In a synchronization operation, where the hand-held computer is operably connected to the host computer, the source files are merged with the selected style templates according to mapping information in the template mapping file. The invention is especially applicable to digital cameras having features of a PDA and provides users with the capability to remotely create their own websites which incorporate images they have obtained with the digital camera.